

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069661.D
 Acq On : 29 Nov 2021 13:20
 Operator : JC/MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:16:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1119732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1820513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1690606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	680375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	815160	50.208	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.420%			
35) Dibromofluoromethane	8.021	113	568482	52.065	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.140%			
50) Toluene-d8	10.440	98	2176618	50.686	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.731	95	776551	49.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	185734	15.526	ug/l	98
3) Chloromethane	2.306	50	204363	14.731	ug/l	100
4) Vinyl Chloride	2.448	62	208799	15.031	ug/l	100
5) Bromomethane	2.861	94	129730	14.380	ug/l	99
6) Chloroethane	3.025	64	134560	14.351	ug/l	99
7) Trichlorofluoromethane	3.379	101	313346	14.595	ug/l	98
8) Diethyl Ether	3.827	74	122281	17.604	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	181312	17.928	ug/l	96
10) Methyl Iodide	4.422	142	202525	16.327	ug/l	97
11) Tert butyl alcohol	5.374	59	214784	73.416	ug/l	98
12) 1,1-Dichloroethene	4.181	96	156016	17.191	ug/l	93
13) Acrolein	4.044	56	31226	70.629	ug/l #	51
14) Allyl chloride	4.846	41	354612	17.673	ug/l	93
15) Acrylonitrile	5.557	53	668884	89.281	ug/l	99
16) Acetone	4.288	43	777689	88.780	ug/l	97
17) Carbon Disulfide	4.529	76	286416	13.351	ug/l	99
18) Methyl Acetate	4.859	43	492777	17.306	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	713993	18.590	ug/l	95
20) Methylene Chloride	5.095	84	211447	17.023	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	169214	16.693	ug/l	88
22) Diisopropyl ether	6.498	45	815554	18.869	ug/l	94
23) Vinyl Acetate	6.434	43	3040646	90.957	ug/l	95
24) 1,1-Dichloroethane	6.388	63	403298	18.319	ug/l	98
25) 2-Butanone	7.337	43	1038974	87.593	ug/l	92
26) 2,2-Dichloropropane	7.329	77	316125	18.353	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	226498	18.025	ug/l	87
28) Bromochloromethane	7.657	49	257040	22.799	ug/l #	80
29) Tetrahydrofuran	7.686	42	626501	86.069	ug/l	89
30) Chloroform	7.820	83	420609	18.636	ug/l	98
31) Cyclohexane	8.094	56	358457	16.161	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	342681	18.190	ug/l	96
36) 1,1-Dichloropropene	8.220	75	274189	17.899	ug/l	97
37) Ethyl Acetate	7.415	43	387251	18.701	ug/l #	93
38) Carbon Tetrachloride	8.204	117	276958	18.727	ug/l	98
39) Methylcyclohexane	9.459	83	314994	16.530	ug/l	90
40) Benzene	8.458	78	868361	18.365	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	204382	19.102	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	355663	19.210	ug/l	97
43) Isopropyl Acetate	8.560	43	618052	18.582	ug/l #	94
44) Trichloroethene	9.215	130	208688	18.442	ug/l	91
45) 1,2-Dichloropropane	9.491	63	247977	19.630	ug/l	98
46) Dibromomethane	9.577	93	158584	18.742	ug/l	93
47) Bromodichloromethane	9.762	83	313222	19.837	ug/l	98
48) Methyl methacrylate	9.558	41	281371	17.981	ug/l	89
49) 1,4-Dioxane	9.569	88	86420	306.847	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2023206	94.240	ug/l	95
52) Toluene	10.505	92	553393	18.787	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	311882	17.855	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	344577	17.993	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	234409	19.741	ug/l	97
56) Ethyl methacrylate	10.760	69	359379	17.454	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	406742	19.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	520567	105.004	ug/l	91
59) 2-Hexanone	11.084	43	1398896	82.663	ug/l	93
60) Dibromochloromethane	11.237	129	218150	18.347	ug/l	100
61) 1,2-Dibromoethane	11.344	107	226178	17.771	ug/l	98
64) Tetrachloroethene	10.977	164	198142	19.410	ug/l	93
65) Chlorobenzene	11.771	112	590272	18.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	217968	19.970	ug/l	99
67) Ethyl Benzene	11.843	91	1064662	18.344	ug/l	96
68) m/p-Xylenes	11.953	106	777752	36.437	ug/l	93
69) o-Xylene	12.280	106	389418	18.300	ug/l	92
70) Styrene	12.294	104	618316	17.212	ug/l	96
71) Bromoform	12.457	173	145120	17.690	ug/l #	98
73) Isopropylbenzene	12.578	105	1025351	18.928	ug/l	98
74) N-amyl acetate	12.388	43	381160	16.603	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	350164	19.165	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	292674m	18.640	ug/l	
77) Bromobenzene	12.860	156	236598	19.097	ug/l	82
78) n-propylbenzene	12.921	91	1144263	18.772	ug/l	96
79) 2-Chlorotoluene	13.007	91	717244	19.004	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	837091	19.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	74560	18.286	ug/l	86
82) 4-Chlorotoluene	13.104	91	668254	18.574	ug/l	94
83) tert-Butylbenzene	13.324	119	748408	19.501	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	808633	19.126	ug/l	98
85) sec-Butylbenzene	13.501	105	1005923	18.764	ug/l	97
86) p-Isopropyltoluene	13.616	119	792606	18.624	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	396104	18.441	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	383077	18.179	ug/l	97
89) n-Butylbenzene	13.943	91	607126	17.107	ug/l	98
90) Hexachloroethane	14.209	117	133177	18.451	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	388012	18.984	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55305	17.493	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	154513	16.643	ug/l	98
94) Hexachlorobutadiene	15.370	225	109892	20.692	ug/l	99
95) Naphthalene	15.507	128	356016	15.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	146755	16.591	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

